

HISTORIC AMERICAN ENGINEERING RECORD

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Edwards Air Force Base, North Base,
Hangar No. 1 (Building 4401)
First and B Streets
Boron Vicinity
Kern County
California

HAER No. CA-170-E

Photographers' Credits:

Credit BG: Brian Grogan, Photography and Preservation Associates, Inc., September 1995
Credit PSR: Philipp S. Rittermann, Photography and Preservation Associates, Inc., September 1995
Credit USAF: Photocopy of original United States Air Force photograph; photographers' names undetermined, dates as cited

- CA-170-E-1** Credit USAF, 1943. Original housed in the Photograph Files, AFTTC/HO, Edwards AFB, California. View west showing eastern elevation of wooden hangar while under construction. Building 4401 was also historically designated Hangar No. 1. The north side of the Unicon Portable Hangar (Building 4305) appears at the extreme left of the view. Concrete apron is under construction in the foreground. Building 4402 is same design and construction as Building 4401.
- CA-170-E-2** Credit USAF, 1943. Original housed in the AFTTC/HO, Edwards AFB, California. View looks north northwest at south and east facades of hangar as it nears completion.
- CA-170-E-3** Credit PSR. View looks 308° (north northwest) at south and east facades of hangar as they appeared in 1995. Original wooden exterior has been covered with aluminum cladding.
- CA-170-E-4** Credit BG. View looks 136° (southeast) at north and west facades of hangar. White objects near west side of hangar are fuel tanks fabricated from concrete.

EDWARDS AFB, NORTH BASE
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- CA-170-E-5** Credit USAF, ca. 1944. Original housed in the Muroc Flight Test Base, Unit History, 1 September 1942 - 30 June 1945. Alfred F. Simpson Historical Research Agency. United States Air Force. Maxwell AFB, Alabama. Interior view of hangar, looking north northwest. Note exposed wooden construction. Two jet engines lie partially concealed by tarpaulins in the background, along with a combustion chamber assembly (horizontal cylinders in a circular array). On the workbench in the foreground lie an engine rotor hub and what appears to be an engine fuel line assembly.
- CA-170-E-6** Credit USAF, ca. 1947. Original housed in the Photograph Files, AFFTC/HO, Edwards AFB, California. Interior of Building 4401 (or possibly 4402) looking east at hangar doors with a North American Aviation XB-45 Tornado jet aircraft in the foreground. This view illustrates why the series of sliding doors and wide, high interior clearances were necessary to accommodate large aircraft. Note configuration of wooden trusses supporting the roof.
- CA-170-E-7** Credit PSR. Interior of Building 4401, looking 200° (south southwest), showing original interior wooden construction of walls and roof trusses. Hangar is presently used for storage.